

MINE SITE VISIT REPORT

New Mexico AML Program

Date of Visit : August 30, 2007 **Weather :** Sunny 85°
Mine/Project Name: Barbara J # 3a Mine – Northwest of Grants, New Mexico
Duration of Visit : 1.0 hour (11:15 am to 12:15 pm)
Purpose of Visit : Maintenance inspection to the Barbara J # 3a mine, part of the legacy site assessment for AML project sites.
Observations : Travel to the project site; access to this site was from the south using a two track road. Location: NE1/4, NW1/4, NE/4 of Section 30 T.13N., R.9W., Dos Lomas Quad. UTM Zone 13, E244040 N3914230 Uranium Mine. This site is on BLM land.

Signs of human activity were not recent. Vegetation is similar to undisturbed areas. Land use appears to be limited grazing for cattle but not recently. Previous reclamation is not obvious. Total site area is approximately 3 acres. The nearest residence appears to be over 1-mile away in the southeast direction.

Background radiometric levels of 29 $\mu\text{R/hr}$ at both 1-meter and ground level, were read utilizing a Ludlum Model-14C survey meter with a NaI Model 44-2 Gamma Scintillator probe and were taken at the drainage and catchment pond. The overall waste areas within the middle portion of the disturbance have radiometric levels of 243-857 $\mu\text{R/hr}$ at 1-meter and 443-1429 $\mu\text{R/hr}$ at ground level.

This site has areas of scattered waste, concrete foundations, wood and metal mining debris. There is a drainage along the southeastern site edge heading south towards a larger arroyo. For complete details see topographic GPS info using the MapGuide map found at http://164.64.103.6/mmdtest/AML_Uranium-DEV.htm

Further action recommended to mitigate radiometric levels. No other safety concerns at this time.

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MSV Written:	September 18, 2007 – for files.	CC:	John Kretzmann, Karen Garcia and files.

Photos:



Overall Mine Site Looking Southeast



Catchment Pond and Artifacts Looking East



Scattered Mine Waste and Core Samples Dump Looking North